

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1373	generat\$3 same (file\$1 with (identification id)) same server	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 17:24
S2	1	generat\$3 same (file\$1 with (identification id)) same (virtual near server)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 17:24
S3	8	generat\$3 same (file\$1 with (identification id)) same (virtual near3 server)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 17:28
S4	395	(federat\$3 join\$3 migrat\$3 merg\$3) same ((local distribut\$2 remote\$2) with file\$1) same access	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 17:43
S5	82	(federat\$3 join\$3 migrat\$3 merg\$3) same ((local distribut\$2 remote\$2) with file\$1) same access same (database (data near base))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 17:30
S6	0	(federat\$3 join\$3 migrat\$3 merg\$3) same ((local distribut\$2 remote\$2) with file\$1) same access same (database (data near base)) same inode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 17:30
S7	3	(federat\$3 join\$3 migrat\$3 merg\$3) same ((local distribut\$2 remote\$2) with file\$1) same access same inode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 17:31
S8	157	(install\$3 stor\$3) same (virtual same (metadata and storage)) same server	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 17:32

## EAST Search History

S9	51	(install\$3 stor\$3) same (virtual same (metadata and storage)) same server same database	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 17:32
S10	6	S9 and 707/1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 17:33
S11	8	S9 and 707/10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 17:34
S12	3	S9 and 707/104.1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 17:34
S13	2	S9 and 707/200	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 17:34
S14	49	S4 and 707/200	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 17:41
S15	8	(federat\$3 join\$3 migrat\$3 merg\$3) same ((local distribut\$2 remote\$2) with file\$1) same access same (virtual near5 server)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 17:36
S16	33	S4 and 707/1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 17:38
S17	59	S4 and 707/10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 17:39

## EAST Search History

S18	13	S4 and 707/104.1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 17:39
S19	1	(federat\$3 join\$3 migrat\$3 merg\$3) same ((local distribut\$2 remote\$2) with file\$1) same access same ("no interruption" or no\$1interruption (no near3 (disruption down-time)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 17:45
S20	18	(federat\$3 join\$3 migrat\$3 merg\$3) same ((local distribut\$2 remote\$2) with file\$1) same access same ( id identification same inode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 17:46
S21	1	(federat\$3 join\$3 migrat\$3 merg\$3) same ((local distribut\$2 remote\$2) with file\$1) same access same ( id identification ) same inode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 17:47
S22	3	(federat\$3 join\$3 migrat\$3 merg\$3) same ((local distribut\$2 remote\$2) with file\$1) same access same inode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 17:48
S23	1	((federation adj layer) same (local near3 client) same (plurality near3 distributed adj clients)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 17:49
S24	0	(generat\$3 same (unique adj object adj id) same (generation near2 number)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 17:50
S25	1	(detect\$3 same multiple near3 link\$2 same inode).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 17:51

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Relevance scale 

1 [A taxonomy of Data Grids for distributed data sharing, management, and processing](#)   
 Srikumar Venugopal, Rajkumar Buyya, Kotagiri Ramamohanarao  
 June 2006 **ACM Computing Surveys (CSUR)**, Volume 38 Issue 1  
 Publisher: ACM Press  
 Full text available:  [pdf\(1.70 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Data Grids have been adopted as the next generation platform by many scientific communities that need to share, access, transport, process, and manage large data collections distributed worldwide. They combine high-end computing technologies with high-performance networking and wide-area storage management techniques. In this article, we discuss the key concepts behind Data Grids and compare them with other data sharing and distribution paradigms such as content delivery networks, peer-to-peer n ...

**Keywords:** Grid computing, data-intensive applications, replica management, virtual organizations

2 [Ext3cow: a time-shifting file system for regulatory compliance](#)   
 Zachary Peterson, Randal Burns  
 May 2005 **ACM Transactions on Storage (TOS)**, Volume 1 Issue 2  
 Publisher: ACM Press  
 Full text available:  [pdf\(443.01 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The ext3cow file system, built on the popular ext3 file system, provides an open-source file versioning and snapshot platform for compliance with the versioning and auditability requirements of recent electronic record retention legislation. Ext3cow provides a *time-shifting* interface that permits a real-time and continuous view of data in the past. Time-shifting does not pollute the file system namespace nor require snapshots to be mounted as a separate file system. Further, ext3cow is i ...

**Keywords:** Versioning file systems, copy-on-write

3 [A survey of peer-to-peer content distribution technologies](#)   
 Stephanos Androulidakis-Theotokis, Diomidis Spinellis  
 December 2004 **ACM Computing Surveys (CSUR)**, Volume 36 Issue 4

**Publisher:** ACM Press

Full text available: [pdf\(517.77 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Distributed computer architectures labeled "peer-to-peer" are designed for the sharing of computer resources (content, storage, CPU cycles) by direct exchange, rather than requiring the intermediation or support of a centralized server or authority. Peer-to-peer architectures are characterized by their ability to adapt to failures and accommodate transient populations of nodes while maintaining acceptable connectivity and performance. Content distribution is an important peer-to-peer application ...

**Keywords:** Content distribution, DHT, DOLR, grid computing, p2p, peer-to-peer

**4 LegionFS: a secure and scalable file system supporting cross-domain high-performance applications**

 Brian S. White, Michael Walker, Marty Humphrey, Andrew S. Grimshaw  
November 2001 **Proceedings of the 2001 ACM/IEEE conference on Supercomputing (CDROM) Supercomputing '01**

**Publisher:** ACM Press

Full text available: [pdf\(499.88 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Realizing that current file systems can not cope with the diverse requirements of wide-area collaborations, researchers have developed data access facilities to meet their needs. Recent work has focused on comprehensive data access architectures. In order to fulfill the evolving requirements in this environment, we suggest a more fully-integrated architecture built upon the fundamental tenets of naming, security, scalability, extensibility, and adaptability. These form the underpinning of the Le ...

**5 Design considerations for the transformation of MINIX into a distributed operating system**

 P. Tobin Maginnis  
February 1988 **Proceedings of the 1988 ACM sixteenth annual conference on Computer science CSC '88**

**Publisher:** ACM Press

Full text available: [pdf\(921.97 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

MINIX is a version seven UNIX compatible operating system written for the Intel 8088 CPU and IBM-PC circuit package. MINIX is being transformed into a distributed operating system by adding four components to the basic operating system. These include an extended IPC service, network service manager, resource manager, and communication manager. Design considerations include a definition of Distributed Operating Systems (DOSSs), a description of existing DOSSs, a description of operating system ...

**6 Short papers -- works in progress: Toward a threat model for storage systems**

 Ragib Hasan, Suvda Myagmar, Adam J. Lee, William Yurcik  
November 2005 **Proceedings of the 2005 ACM workshop on Storage security and survivability StorageSS '05**

**Publisher:** ACM Press

Full text available: [pdf\(258.24 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The growing number of storage security breaches as well as the need to adhere to government regulations is driving the need for greater storage protection. However, there is the lack of a comprehensive process to designing storage protection solutions. Designing protection for storage systems is best done by utilizing proactive system engineering rather than reacting with ad hoc countermeasures to the latest attack du

jour. The purpose of threat modeling is to organize system threats and vulnera ...

**Keywords:** security, storage system, threat model

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 Date: 2/26/2007  
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### Inventor Name Search Result

Your Search was:

Last Name = BECKER-SZENDY

First Name = RALPH

Application#	Patent#	Status	Date Filed	Title	Inventor Name
09843930	7050956	150	04/30/2001	METHOD AND APPARATUS FOR MORPHOLOGICAL MODELING OF COMPLEX SYSTEMS TO PREDICT PERFORMANCE	BECKER-SZENDY, RALPH
09865999	6934673	150	05/25/2001	METHOD AND APPARATUS FOR PREDICTING MULTI-PART PERFORMABILITY	BECKER-SZENDY, RALPH
10234889	Not Issued	41	09/03/2002	Technique for programmatically obtaining experimental measurements for model construction	BECKER-SZENDY, RALPH
10427035	7124131	150	04/29/2003	DISCIPLINE FOR LOCK REASSERTION IN A DISTRIBUTED FILE SYSTEM	BECKER-SZENDY, RALPH A.
10427391	7139781	150	04/29/2003	MANAGING FILESYSTEM VERSIONS	BECKER-SZENDY, RALPH A.
10427403	7085909	150	04/29/2003	METHOD, SYSTEM AND COMPUTER PROGRAM PRODUCT FOR IMPLEMENTING COPY-ON-WRITE OF A FILE	BECKER-SZENDY, RALPH A.
10723750	Not Issued	71	11/25/2003	System, method, and service for federating and optionally migrating a local file system into a distributed file system while preserving local access to existing data	BECKER-SZENDY, RALPH ATTILA
11388524	Not Issued	25	03/24/2006	System and method for managing storage system performance as a resource	BECKER-SZENDY, RALPH ATTILA

Inventor Search Completed: No Records to Display.

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 Date: 2/26/2007  
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**Inventor Name Search Result**

Your Search was:

 Last Name = SIVAN-ZIMET  
 First Name = MIRIAM

Application#	Patent#	Status	Date Filed	Title	Inventor Name
10723750	Not Issued	71	11/25/2003	System, method, and service for federating and optionally migrating a local file system into a distributed file system while preserving local access to existing data	SIVAN-ZIMET, MIRIAM

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